

# NexisUni Library Database Search Result

Henry Chen

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# Outline

- Search Phrase Issues
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  - ▶ Abbreviation Issue Issue
- Missing Results
- State Suffix
- Timing Issue
- Special Case: PROLOGIS
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# Search Phrase Issues

## Order Issue

- **ISSUE:** CRSP flips the order of company name
- For instance, company name for permco 544 has named
  - ▶ “BERKELEY W B CORP” in CRSP
  - ▶ “W.B. BERKELEY” in NexisUni
- This is one of some unsolved issues. Changing phrase order could lead to a different company.
- For example, for company name “Citizens First Bancorp”
  - ▶ No result for searching “CITIZENS FIRST”
  - ▶ 8 results for searching “FIRST CITIZENS”, but company name is “First Citizens BancShares Inc (Delaware)”

# Search Phrase Issues

## Abbreviation Issue

- **ISSUE:** CRSP uses abbreviation while NexisUni may not contain
- For instance, common abbreviations appearing in CRSP include
  - ▶ PROPERTY: PPTY
  - ▶ SERVICES: SVCS
  - ▶ INVESTORS: INV
  - ▶ INSURANCE: INS
  - ▶ INTERNATIONAL: INTL
  - ▶ HOLDING: HLDG
- And it could be the opposite, NexisUni could contain abbreviation while CRSP does not

# Search Phrase Issues

## Abbreviation Issue (Cont.)

- **Current Solution:** Identify possible words and their abbreviations, search with multiple phrases.
- For example, if containing “HOLDING”, like “ABC HOLDING”
- Search “(ABC) AND (HOLDING) OR (HOLDINGS) OR (HLDG) OR (HLDGS)”
- **Current Identified Abbreviation List:**
  - ▶ Holding: Holdings, HLDG, HLDGS
  - ▶ Management: MGMT
  - ▶ Service: Services, SVC, SVCS
  - ▶ Property: Properties, PPTY
  - ▶ Investment: INVT
  - ▶ International: INTL

# Search Phrase Issues

## Punctuation Issue

- **ISSUE:** Should be acronym or punctuation on spaces between letters at the beginning of comnam.
- For instance,
  - ▶ 37 more cases when searching “U.S. Global Investors” rather than “US Global Investors”
  - ▶ 21 more cases when searching “W.P. Carey” rather than “WP Carey”
- However, there are also spaces between letter in the middle of conams
- For example, “UNI INVEST U S LTD” and “MAYS J W INC”
- **Proposed Solution:** taking “W P Carey” as an example, search “(WP Carey) OR (W.P. Carey)”

# Missing Results

- There are two missing results as pointed out by Prof. Jack BAO
  - ▶ permco 5860: manually named a wrong permco number, it was recorded as 3860. (CHECKED)
  - ▶ permco 30909: network problem, causing autodownload program wrongly record the result. (Re-run over night to avoid network volatility)

# State Suffix

- **ISSUE:** State suffix may not need to be included in search phrase.



# Timing Issue

- **ISSUE:** Variable “*min\_date*” refers to the end date of the month where first earnings call occurs.
- For instance, for company SITE CENTERS CORP, its first earnings call has a date of Oct 24, 2018, whereas *min\_date* is Oct 31, 2018.
- **Proposed Solution:** Extend the *min\_date* back to the first date of the month other than the last date of the month.
- **Possible Issue:** the time interval could overlap with others time interval or other company records.

# Special Case: PROLOGIS

- There is one special case: comnam PROLOGIS
- The comnam is used for two firms, although at different time

	A	B	C	D	E	F	G	H
	permco	comnam	min_date	max_date	in_ny_fe	permno	date	search
4	30362	MACERICH CO	20000131	20220331	0	80399	#####	title((MACERICH CO) and ((e
5	30369	PROLOGIS TRUST	20000131	20020531	0	80406	#####	title((PROLOGIS TRUST) and
5	30369	PROLOGIS	20020628	20110630	0	80406	#####	title((PROLOGIS) and ((earn

Figure: permco: 30369

	A	B	C	D	E	F	G	H
1	permco	comnam	min_date	max_date	in_ny_fe	permno	date	search
993	32135	A M B PROPERTY CORP	20000131	20110531	0	85592	#####	title((A M B PROPERTY CORP
994	32135	PROLOGIS INC	20110630	20220331	0	85592	#####	title((PROLOGIS INC) and ((e

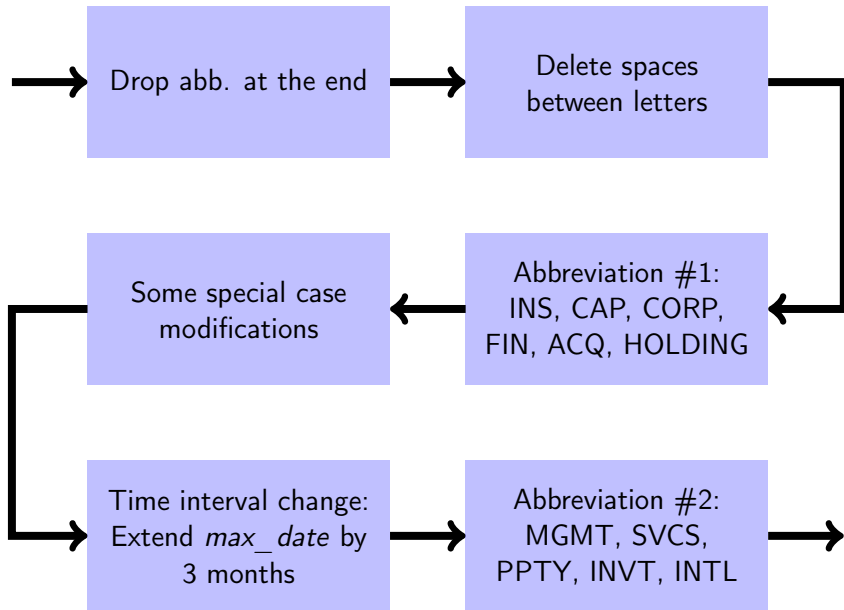
Figure: permco: 32135

- When searching, the search phrase for comnam will be exactly the same, the time intervals also overlap.

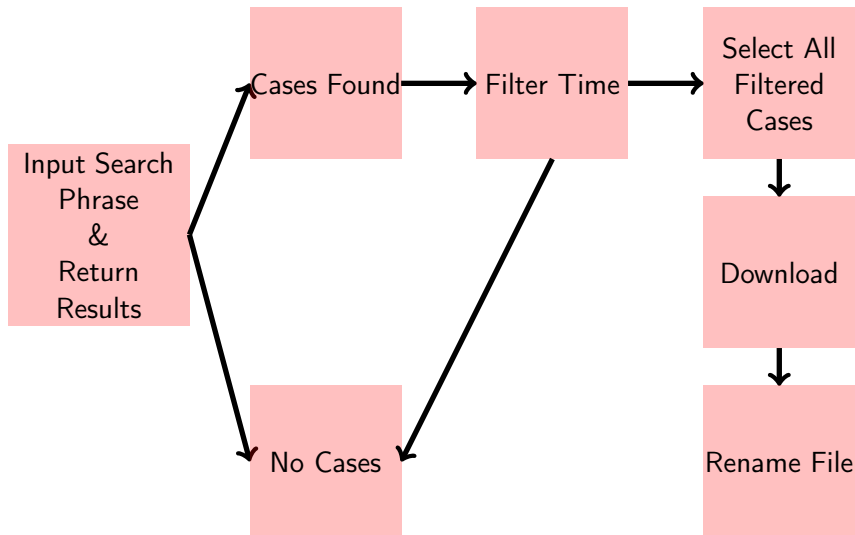
# Flow Introduction

- The flow chart is split into three parts:
  - ▶ Search Phrase Modification
  - ▶ Auto Download
  - ▶ Permco & Comnam Check

# Search Phrase Modification



# Auto Download



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